

100

Figure 1

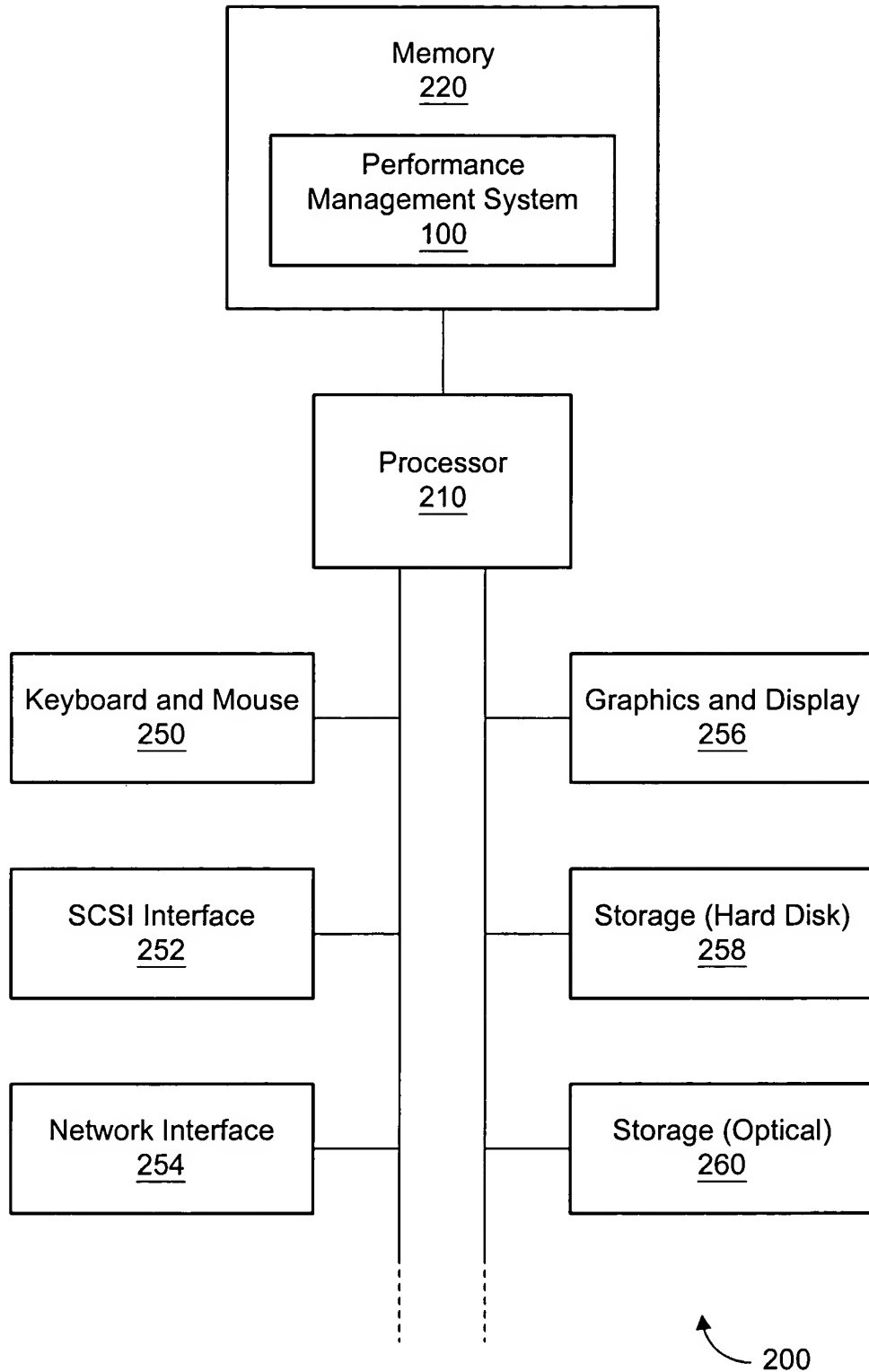


Figure 2

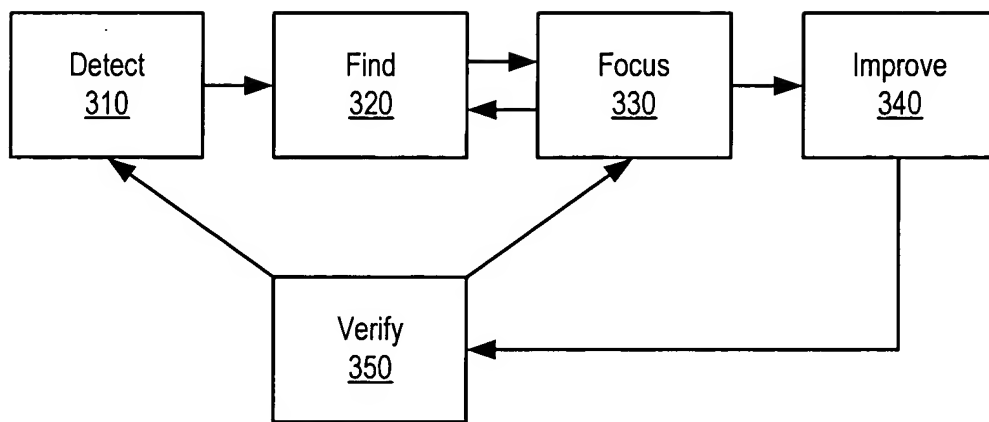


Figure 3

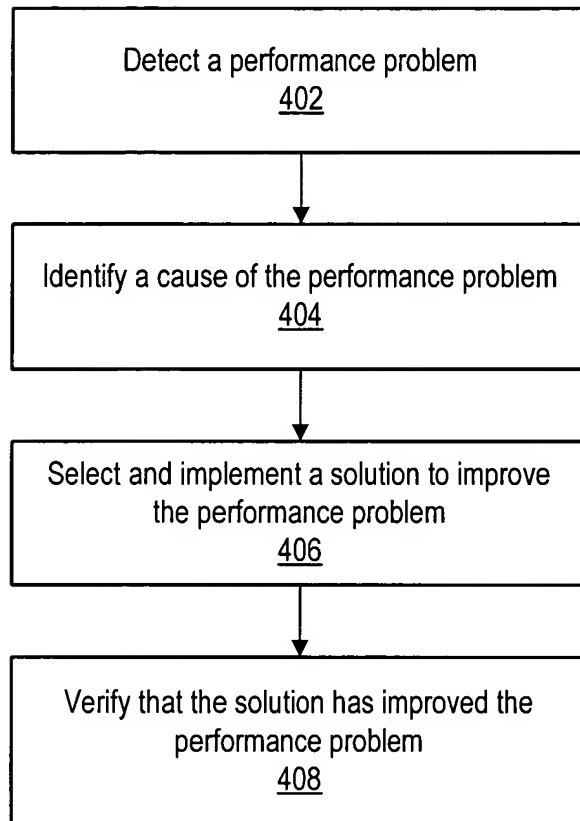


Figure 4

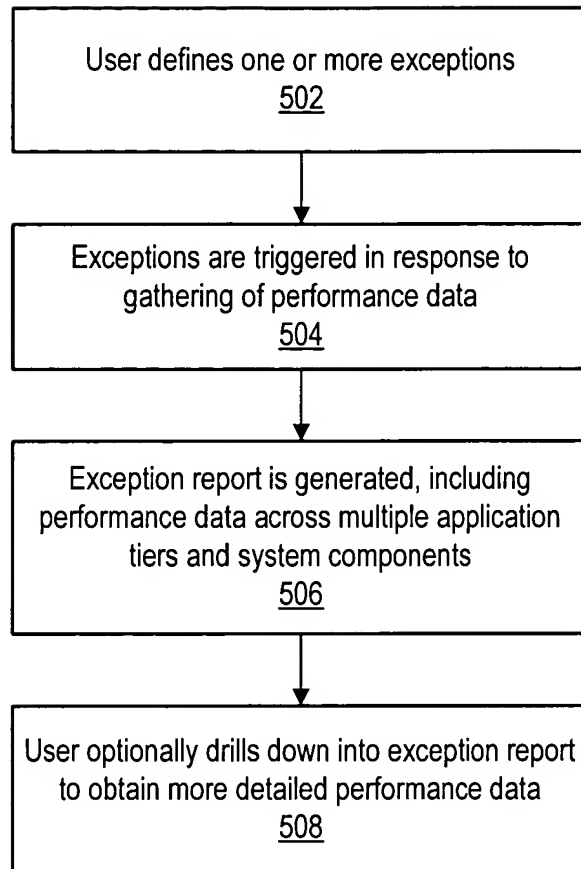
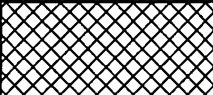
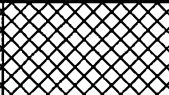


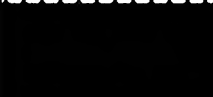
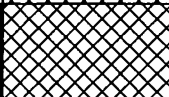
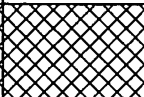
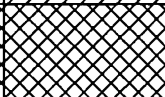
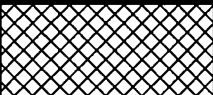

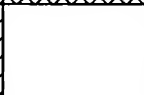




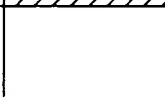
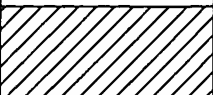

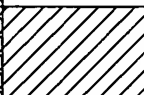
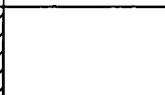
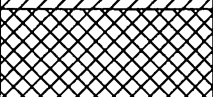

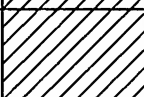
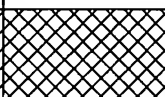
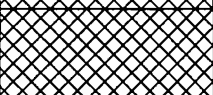





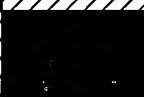
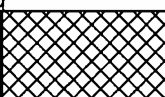


Figure 5

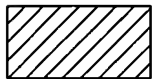
Program	Average Time	Volume	CPU	Lock Wait
Program 1				
Program 2				
Program 3				
Program 4				
Program 5				
Program 6				
Program 7				
Program 8				



Over 30% deviation



Between 20% - 30% deviation



Between 10% - 20% deviation



No deviation or less than 10% deviation

Figure 6

BEST AVAILABLE COPY

Program	Total Time	I/O	CPU	Locking
Program 1			10 ₁₂	
Program 2				7 ₁
Program 3		6 ₁₁		4 ₇
Program 4	4 ₈	7 ₁₁	4 ₁₀	9 ₇
Program 5				
Program 6				
Program 7				
Program 8	7 ₈	5 ₁₁	9 ₅	5 ₁₂
Program 9	8 ₈		5 ₆	
Program 10	5 ₁₂	4 ₁₁	6 ₁₀	
Program 11	6 ₁₂	8 ₁₁	7 ₁₀	6 ₁₂
Program 12	9 ₇		8 ₅	10 ₅
Program 13	10 ₇	9 ₁₁		8 ₁₂
Program 14		10 ₉		





-  Ordered in the top-3 consumers
-  Ordered in the top-6 consumers but not the top-3
-  Ordered in the top-10 consumers but not the top-6
-  Does not belong to top-10 consumers
- N** Entity is ordered N in top-10 consumers
- n** Entity is ordered N in top-10 at the baseline
- Entity is new (does not exist in baseline)

Figure 7